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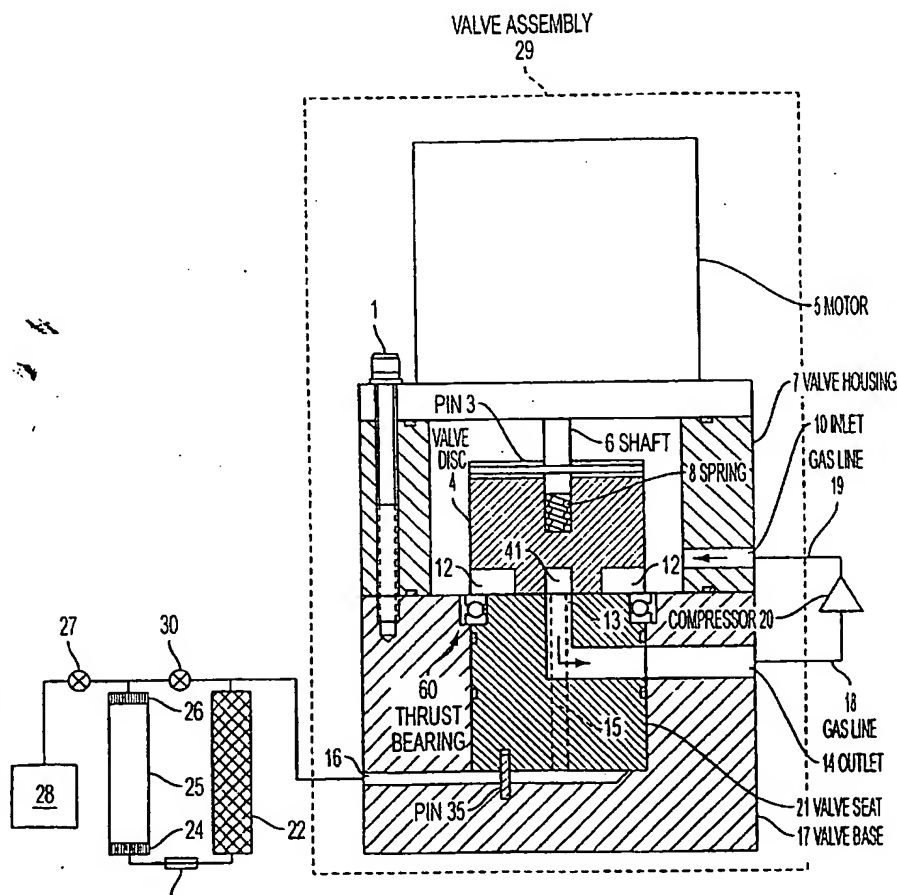
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(54) Title: WEARLESS VALVE FOR CRYOREFRIGERATOR



(57) Abstract: An improved method of reducing wear dust and torque required to turn a multi-port rotary disc valve utilizes a thrust bearing to hold the valve seat and/or valve disc such that they are not in contact with each other, or have light contact each other.



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